

E JC177  
 JAN 20 2003  
 PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO			Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			Application Number	10/678,299	
			Filing Date	October 6, 2003	
			First Named Inventor	Shunpei YAMAZAKI	
			Art Unit	Not yet assigned 2877	
			Examiner Name	Not yet assigned G. MUNSON	
Sheet	1	of	3	Attorney Docket Number	740756-2662

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
JKH		US-4,356,429	10-26-1982	Tang	
		US-4,539,507	09-03-1985	VanSlyke et al.	
		US-4,720,432	01-19-1988	VanSlyke et al.	
		US-4,769,292	09-06-1988	Tang et al.	
		US-4,885,211	12-05-1989	Tang et al.	
		US-4,950,950	08-21-1990	Perry et al.	
		US-5,047,687	09-10-1991	VanSlyke	
		US-5,059,861	10-22-1991	Littman et al.	
		US-5,059,862	10-22-1991	VanSlyke et al.	
		US-5,061,617	10-29-1991	Maskasky	
		US-5,073,446	12-17-1991	Scozzafava et al.	
		US-5,151,629	09-29-1992	VanSlyke	
		US-5,294,869	03-15-1994	Tang et al.	
		US-5,294,870	03-15-1994	Tang et al.	
		US-5,528,056	06-18-1996	Shimada et al.	
		US-5,642,213	06-24-1997	Mase et al.	
		US-5,643,826	07-01-1997	Ohtani et al.	
		US-5,684,365	11-04-1997	Tang et al.	
		US-5,729,308	03-17-1998	Yamazaki et al.	
		US-5,747,830	05-05-1998	Okita	
		US-5,882,761	03-16-1999	Kawami et al.	
		US-5,923,962	07-13-1999	Ohtani et al.	
		US-5,962,962	10-05-1999	Fujita et al.	
		US-6,111,270	08-29-2000	Xu et al.	
		US-6,184,559 B1	02-06-2001	Hayakawa et al.	
JKH		US-6,204,534	03-20-2001	Adan	
		US-2001/0000627 A1	05-03-2001	Hayakawa et al.	filed after 6/4/1999
JKH		US-6,236,064	05-22-2001	Mase et al.	
		US-6,246,179 B1	06-12-2001	Yamada	filed after 6/4/1999
		US-			
		US-			
		US-			
		US-			

Examiner Signature	G. MUNSON	Date Considered	27 SEPTEMBER 2003
--------------------	-----------	-----------------	-------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

IP E JCIT  
JAN 20 2004  
OFFICE  
TO INVENTOR

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/678,299
				Filing Date	October 6, 2003
				First Named Inventor	Shunpei YAMAZAKI
				Art Unit	Not yet assigned 2811
				Examiner Name	Not yet assigned G. MUNSON
Sheet	2	of	3	Attorney Docket Number	740756-2662

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
27/7/71		EP	0 717 445	06-19-1996	Tang et al.		Full
		EP	0 776 147	05-28-1997	Kawami et al.		Full
		EP	0 781 075	06-25-1997	Fujita et al.		Full
		EP	1 001 467 A2	04-24-2002	Adachi et al.		Full
27/7/71		JP	62-090 260	04-24-1987	Nagao		Abstract
27/7/71		JP	05-116 297	05-14-1993	Takizawa et al.		Abstract
		JP	07-130 652	05-19-1995	Otani et al.		Abstract
		JP	08-078 159	03-22-1996	Fujita et al.		Abstract
		JP	08-241 048	06-19-1996	Tang et al.		Abstract
27/7/71		JP	08-290 647	11-05-1996	Kishida et al.		Abstract
27/7/71		JP	08-330 602	12-13-1996	Tanaka et al.		Abstract
		JP	09-148 066	06-06-1997	Kawami et al.		Abstract
		JP	10-012 377	01-17-1998	Suzuki		Abstract
		JP	10-092 576	04-11-1998	Mogi et al.		Abstract
27/7/71		JP	10-189 252	07-21-1998	Hosokawa		Abstract
27/7/71		JP	10-270 363	10-09-1998	Onuma et al.		Abstract
		JP	2000-340 798	12-08-2000	Yamazaki et al.		Abstract
		JP	2002-149112	05-24-2002	Koyama		Abstract
Examiner Signature	G. MUNSON				Date Considered	27 SEPTEMBER 2005	

considered via  
correspond us 5,882,761  
considered via  
correspond us 5,962,962  
published after 6/04/1999

considered via  
correspond us 5,923,962  
correspond us 5,962,962  
of record

considered via  
correspond us 5,882,761  
of record  
of record

published after  
6/04/1999

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PE 36177  
JAN 2 0 2004  
PATENT & TRADEMARK OFFICE

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/678,299
				Filing Date	October 6, 2003
				First Named Inventor	Shunpei YAMAZAKI
				Group Art Unit	Not yet assigned 2811
				Examiner Name	Not yet assigned G. MUNSON
Sheet	3	of	3	Attorney Docket Number	740756-2662

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
2/27/04		BALDO ET AL., "HIGHLY EFFICIENT PHOSPHORESCENT EMISSION FROM ORGANIC ELECTROLUMINESCENT DEVICES", LETTERS TO NATURE, VOL. 395, PP. 151-154, SEPTEMBER 10, 1998	
		<del>BALDO ET AL., "VERY HIGH EFFICIENCY GREEN ORGANIC LIGHT-EMITTING DEVICES BASED ON ELECTROPHOSPHORESCENCE", APPLIED PHYSICS LETTERS, VOL. 75, NO. 1, PP. 4-6 JULY 5, 1999</del>	published after 6/04/1999
2/27/04		KIDO ET AL., "WHITE-LIGHT-EMITTING ORGANIC ELECTROLUMINESCENT DEVICE USING LANTHANIDE COMPLEXES", JAPANESE JOURNAL OF APPLIED PHYSICS, VOL. 35, PART 2, NO. 3B, PP. L394-L396, MARCH 15, 1996	
2/27/04		TSUTSUI ET AL., "ELECTROLUMINESCENCE IN ORGANIC THIN FILMS", PHOTOCHEMICAL PROCESSES IN ORGANIZED MOLECULAR SYSTEMS, PP. 437-450, 1991	
		<del>TSUTSUI ET AL., "HIGH QUANTUM EFFICIENCY IN ORGANIC LIGHT-EMITTING DEVICES WITH IRIIDIUM COMPLEX AS A TRIPLET EMISSIVE CENTER", JAPANESE JOURNAL OF APPLIED PHYSICS, VOL. 38, PART 2, NO. 12B, PP. L1502-L1504, DECEMBER 15, 1999</del>	published after 6/04/1999
		<del>SPECIFICATION &amp; DRAWINGS OF U.S. PATENT APPLICATION NO. 09/432,662</del>	filed after 6/04/1999
		<del>SPECIFICATION &amp; DRAWINGS OF U.S. PATENT APPLICATION NO. 09/580,485</del>	filed after 6/04/1999
		<del>SPECIFICATION &amp; DRAWINGS OF U.S. PATENT APPLICATION NO. 09/587,369</del>	filed after 6/04/1999

Examiner Signature	G. MUNSON	Date Considered	27 SEPT 2005
--------------------	-----------	-----------------	--------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

10/1/04

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/678,299
				Filing Date	October 6, 2003
				First Named Inventor	Shunpei YAMAZAKI et al.
				Art Unit	2814 2811
				Examiner Name	Not Yet Assigned G. MUNSON
Sheet	1	of	1	Attorney Docket Number	740756-2662

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,412,493	05-02-1995	KUNII et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	G. MUNSON	Date Considered	27 SEPTEMBER 2005
-----------------------	-----------	--------------------	-------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [222.uspto.gov](http://222.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/678,299
Filing Date	October 6, 2003
First Named Inventor	Shunpei YAMAZAKI et al.
Art Unit	2814-2811
Examiner Name	Not Yet Assigned G. Munson
Attorney Docket Number	740756-2662

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,794,675 B1	09/21/2004	Suzuki et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

filed after 6/04/1999

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>

Examiner  
Signature

G. MUNSON

Date

Considered

27 SEPTEMBER 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

12/13/04

E  
13 2004  
JCSB  
BADP/ARTS/OS/

Substitute for form 1449A.PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/678,299
				Filing Date	October 6, 2003
				First Named Inventor	Shunpei YAMAZAKI et al.
				Art Unit	2814 2211
				Examiner Name	Not Yet Assigned G. MUNSON
Sheet	1	of	1	Attorney Docket Number	740756-2662

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,730,966 B2	05/04/2004	Koyama	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

Filed after 6/04/1999

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

Examiner Signature	G. MUNSON	Date Considered	27 SEPTEMBER 2005
-----------------------	-----------	--------------------	-------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/678,299
Filing Date	October 6, 2003
First Named Inventor	Shunpei YAMAZAKI et al.
Art Unit	2814-2811
Examiner Name	Not Yet Assigned G. MUNSON
Attorney Docket Number	740756-2662

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>RJKH</i>		US-4,357,557	11/02/1982	Inohara et al.	
		US-5,072,263	12/10/1991	Watanabe et al.	
		US-5,107,175	04/21/1992	Hirano et al.	
		US-5,124,204	06/23/1992	Yamashita et al.	
		US-5,189,405	02/23/1993	Yamashita et al.	
		US-5,190,794	03/02/1993	Yoshino et al.	
<i>RJKH</i>		US-5,206,749	04/27/1993	Zavracky et al.	
		<del>US-5,317,236</del>	<del>05/31/1994</del>	<del>Zavracky et al.</del>	
<i>RJKH</i>		US-5,518,940	05/21/1996	Hodate et al.	
		US-5,610,738	03/11/1997	Sasano et al.	
		US-5,654,811	08/05/1997	Spitzer et al.	
		US-5,686,360	11/11/1997	Harvey, III et al.	
		US-5,693,956	12/02/1997	Shi et al.	
		US-5,708,484	01/13/1998	Someya et al.	
		US-5,757,126	05/26/1998	Harvey, III et al.	
		US-5,771,562	06/30/1998	Harvey, III et al.	
		US-5,811,177	09/22/1998	Shi et al.	
		US-5,859,627	01/12/1999	Hoshiya et al.	
		US-5,909,081	06/01/1999	Eida et al.	
		US-5,943,107	08/24/1999	Kadota et al.	
		US-5,952,778	09/14/1999	Haskal et al.	
		US-6,114,183	09/05/2000	Hamada et al.	
		US-6,114,715	09/05/2000	Hamada	
		US-6,128,060	10/03/2000	Shimada et al.	
		US-6,146,225	11/14/2000	Sheats et al.	
		US-6,150,187	11/21/2000	Zyung et al.	
		US-6,198,217 B1	03/06/2001	Suzuki et al.	
		US-6,198,220 B1	03/06/2001	Jones et al.	
<i>RJKH</i>		US-6,268,071 B1	07/31/2001	Yasukawa et al.	
		<del>US-6,274,887 B1</del>	<del>08/14/2001</del>	<del>Yamazaki et al.</del>	
<i>RJKH</i>		US-6,384,528 B1	05/07/2002	Friend et al.	
<i>RJKH</i>		US-6,392,340 B2	05/21/2002	Yoneda et al.	
		<del>US-6,413,645 B1</del>	<del>07/02/2002</del>	<del>Graff et al.</del>	
<i>RJKH</i>		US-6,417,898 B1	07/09/2002	Izumi	
		<del>US-6,580,214 B2</del>	<del>06/17/2003</del>	<del>Yoneda et al.</del>	
<i>RJKH</i>		US-6,642,989 B2	11/04/2003	Umehara et al.	
Examiner Signature	G. MUNSON			Date Considered	27 SEPTEMBER 2005

considered via  
correspond 5,206,749

Filed after 6/04/1999

filed after 6/04/1999

considered via  
correspond 6,392,340

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

3/08/05

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>			
				Application Number		10/678,299	
				Filing Date		10/06/2003	
				First Named Inventor		Shunpei YAMAZAKI et al.	
				Art Unit		2814 2811	
Examiner Name		Not Yet Assigned- G. MUNSON					
Sheet	2	of	2	Attorney Docket Number		740756-2662	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		<del>US-2002/0125817 A1</del>	<del>09/12/2002</del>	<del>Yamazaki et al.</del>	
		<del>US-2003/0155573 A1</del>	<del>08/21/2003</del>	<del>Yamazaki et al.</del>	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

} filed after 6/04/1999

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>2</sup> (if known)				
		<del>EP 0 999 595 A2</del>	<del>05/10/2000</del>	<del>YAMAZAKI et al.</del>		
		JP 08-075908	03/22/1996	KOSHI et al.		AB
		JP 2000-077191	03/14/2000	YAMADA et al.		AB

published after 6/04/1999

published after 6/04/1999

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

Examiner Signature	G. MUNSON	Date Considered	27 SEPTEMBER 2003
--------------------	-----------	-----------------	-------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.